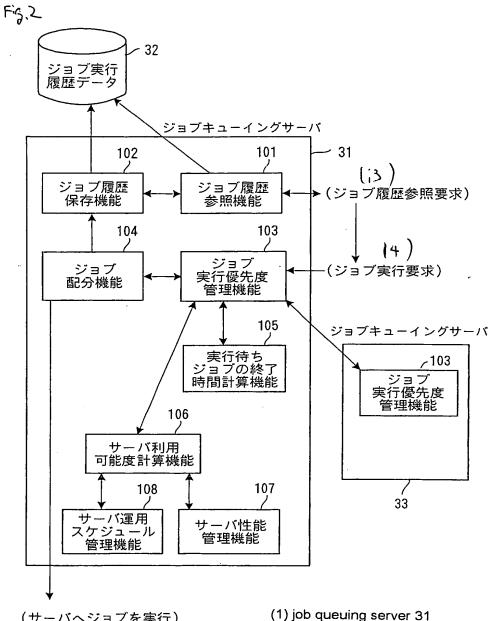


(10) file server 41(11) file server 42(12) server 51(13) server 52

(16) input file

(14) accounting/totalizing server 61(15) accounting/totalizing server 62



- (サーバヘジョブを実行) (|**2)**
- (2) job running history data 32
- (3) job queuing server 33
- (4) job history referring function 101
- (5) job history saving function 102
- 2/9 (6) job running priority managing function 103
  - (7) job allocating function 104
    - (8) wait-for-execution job finishing time computing function 105
    - (9) server availability computing function 106
    - (10) server performance managing function 107
    - (11) server operational schedule managing function 108
    - (12) (to the server to execute the job)
    - (13) (job history referring request)
    - (14) (job executing request)

Fg.3

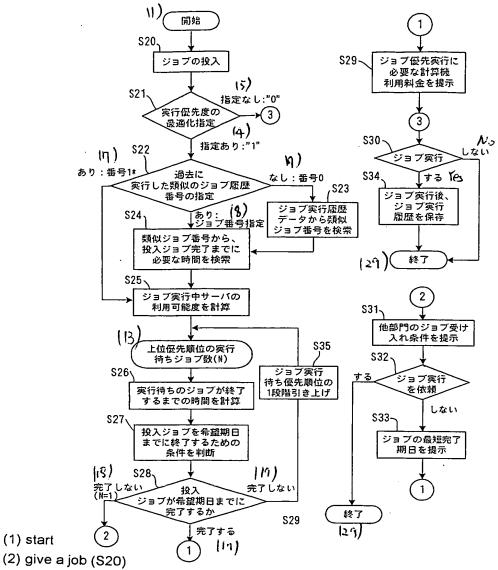
4)

12)

単位時間あたりの使用料金

実行待ちジョブが終了するまでの時間

- (1) charge for use per unit time
- (2) time required until the wait-for-execution job is ended



- (3) Is the optimization of the priority in execution pointed? (S21)
- (4) pointed: "1"

(1) start

- (5) not pointed: "0"
- (6) Is the similar job history number executed in the past pointed ? (S22)
- (7) Yes: Number 1 \*
- (8) Yes: Job number pointed
- (9) No: Number 0
- (10) search the similar job number from job running history data (S23)
- (11) search a time required until the given job is completed, from similar job numbers (S24)
- (12) compute an availability of the job running server (S25)
- (13) the number (N) of wait-for-execution jobs having the higher priority
- (14) compute a time required until the wait-for-execution job is ended (S26)
- (15) decide conditions needed to end the given job up to a desired date (S27)
- (16) Can the given job be completed up to the desired date ? (\$28)
- (17) completed
- (18) not completed (N=1)
- (19) not completed
- (20) offer the charge for using the computer needed for the job preferential execution (S29)

executed ? (S30) (21) Is the job to be

(22)

(23) No

save the job running history after the job execution (S34) conditions to other departments (S31) accepting g offer (24)(25)

pull up the priority in the wait-for-execution job by one level (SS35)

of the job (S33)

completing

shortest

offer the

(28)

Is the job

(26)

requested

(9/	コメント			
(5)	仕事単位グループ名	<ol> <li>type of executed job</li> <li>desired completion date of the job</li> <li>priority in execution</li> <li>executed number of similar jobs</li> <li>group name in unit of works</li> </ol>		
(4)	類似ジョブの実行番号	<ul> <li>(1) type of executed job</li> <li>(2) desired completion date of the jo</li> <li>(3) priority in execution</li> <li>(4) executed number of similar jobs</li> <li>(5) group name in unit of works</li> </ul>	(6) comments	
$\widehat{\cong}$	実行優先度	(3)	コメント	
(2)	ジョブ完了希望期日	(7)	ジョブ依頼日	
(1)	実行するジョブの種類	9.6	ジョブの実行番号	

- (1) execution number of job(2) job assigned day(3) comments

	<u></u>	7						エートにいいないところへつにこれ
4	ジョブ実行の経過時間					(C) (3)	コメント   連行時	
-	-			is finished	(4) lapsed time after the job execution is started	(51	仕事単位グループ名	
	ジョブ終了までに必要な時間	ame	r capacity	(3) time required until the job is finished	me after the job ex	(4)	ジョブ消費能力	
(3)		(1) server name	(2) computer capacity	(3) time requ	(4) lapsed ti	(3)	ジョブ完了希望期日	
/~/	計算機能力					(2)	ジョブの軽類	
1 1	サーバ名				× E	(11, 6.7	ジョブ番号	

(1) number of job

(2) type of job

(3) desired completion date of the job

(4) job consuming power

(5) group name in unit of works

(6) comments

(7) charge for using the computer per unit time

(&)	
( 4 )	単加精智たりの計算終一時条
(9)	ション海洲間
(5)	ジョが調的
(4)	コメント
(3)	仕事単立グループ名
(7)	実するジョブの戦
F. S. 1	ジョフ番号

(1) number of job

(2) type of job to be executed

(3) group name in unit of works

(4) comments

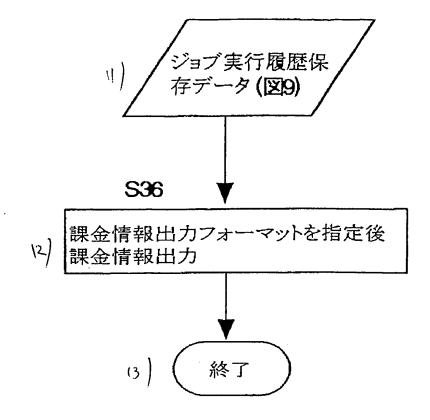
(5) job consuming power

(6) job running time

(7) charge for using the computer per unit time

(8) computer group

Fig./O



- (1) job running history saving data (FIG.9)
- (2) output accounting information after an accounting information output format is pointed (S36)
- (3) end

Fg.1

	18.1				
(4)	「──計算機利用費用 	1 ㎏ (利用料金)	(引 (利用料金)	(g) (利用料金)	(向) (合計利用料金)
(3)	CPU時間(h)	In/ (CPU時間)	(ŋ) (CPU時間)	(山) (CPU時間)	()(合計CPU時間)
h.)	実行するジョブの種類		(ジョブの種類)	(イ)(ジョブの種類)	
()	ジョブ番号	(会暴ブミグ)	(5)(ジョブ番号)	(を) (ショブ番号) (	승計 (trta))

(1) number of job

(2) type of job to be executed

(3) CPU time (h)

(4) charge for using the computer

(5) (number of job) (6) (type of job)

(7) (CPU time)

(8) (charge for use)

(9) (total CPU time)

(10) (total charge for use)